

## 2010 Technology Industry Association

### Annual Excellence Awards

#### Environmental Sustainability Award- Judging Guidelines

##### General criteria and considerations

- The recipient of this award may perform well across several areas, or may perform exceptionally in only one.
- Nominees may respond to any and all of the areas
- No area has been weighted more strongly than another
- Judgement is required as to the most outstanding efforts that will deliver significant benefit to the environment, and that demonstrate concerted effort in this regard
- The guidelines below emphasise effective measurement and demonstration of the efforts made and the scale (or potential scale) of the impact.

##### Greenhouse Gas Emission Measurement, Reporting and Management

A competitive nomination will demonstrate some or all of the following actions:

##### *Measure*

- Undertaken GHG measurement to approved Australian Government standards
- Used the measurement process to demonstrate understanding of the different emission sources within the operation (i.e. distribution of the footprint, top 5 emission sources etc)
- Considered the inclusion of significant scope 3 emission sources for current or future measurement

##### *Benchmark*

- Normalised GHG emissions against relevant metrics such as dollar value of product produced, number of staff etc
- Sought information regarding relevant industry norms for GHG emissions from major emissions sources within the operation

##### *Monitor*

- Undertaken several years of successive and consistent measurement, demonstrating an understanding of trends in GHG emissions?
- Introduced more specific and sensitive energy measurement and monitoring technology in order to improve data gathering and management of energy consumption

##### *Report*

- Disclosed the GHG footprint and emission sources to internal stakeholders (e.g. management and staff)
- Disclosed the GHG footprint and emission sources to external stakeholders (e.g. customers, suppliers, government agencies; either directly, through posting on the website, or through general communication such as newsletters)

##### *Improve*

- Identified actions or projects to reduce GHG emissions
- Implemented actions or projects to reduce GHG emissions
- Demonstrated measureable improvements in GHG emissions from action or projects implemented
- Committed to purchases of accredited GreenPower

## Product Innovation

A competitive nomination will be able to achieve the following:

- Characterise the environmental problem(s) your product innovation addresses (energy consumption, greenhouse gas emission, water consumption, solid waste production or management, liquid waste production or management, air pollution production or management, use of toxic chemicals, land and biodiversity impacts, other). This is intended to represent the “before” scenario, or the base/reference case  
AND/OR
- Characterise barrier(s) to a positive environment outcome your innovation has helped to overcome( e.g. barriers to data gathering for environmental research, effective communication for achieving environmental outcomes, effective integration and presentation of environmental data or issues)
- Describe how the innovation either mitigates the environmental problem, or overcomes the barrier to better environmental outcomes? i.e. What does it do? How does it work?
- Demonstrate reasonable consideration of the impact of any environmental trade offs (e.g. increased energy consumption for a reduced demand for toxic chemicals)
- Demonstrate the extent to which the innovation is unique
- Quantify or effectively describe the current and potential future impact of the innovation on the environmental problem or barrier to environmental solution. Relate this response to the base case described in points 1 and 2.

## Business Process Innovation

A competitive nomination will be able to achieve the following:

- Describe/map the business process (es) in question, with quantification of the relevant resource consumption at each stage (there may be one or several resources being explored). This is intended to represent the “before” scenario, or the base/reference case
- Describe the process innovation that has been undertaken to improve the resource efficiency of the business process/ processes in question
- Provide an updated description or mapping of the business processes describing/illustrating the relevant innovations and their impact on resource use.
- Quantify improvements in resource use with in both percentage and absolute measures, both within process stages and overall

## Industry and community leadership

A competitive nomination will demonstrate some or all of the following

- Be able to provide active demonstration of attempts to leverage greater environmental outcomes in the wider community
- Be able to demonstrate disclosure of internal business efforts towards environmental and sustainability goals
- Demonstrate engagement with suppliers, customers and other external stakeholders regarding environmental concerns or values
- Demonstrate implementation of agreements/partnerships or programs with staff or external stakeholders to raise awareness of environmental and sustainability issues, reduce negative outcomes, or build positive environmental outcomes.